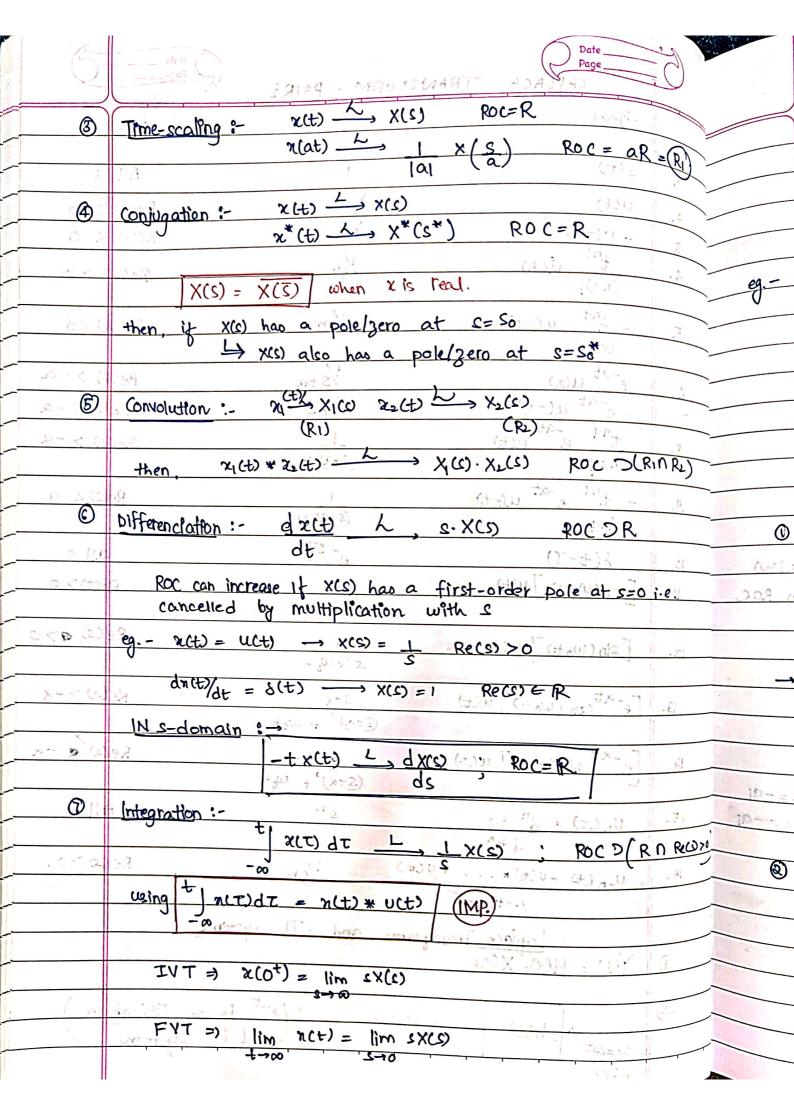
/	
	PROPERTIES (list)
0	Linearity: - &I(t) ~ XI(S) Q.
100/19	12 (s) , R2
108 K	anith + bx2(t) L, axi(s)+6x2(s), ROC >(RinR2)
	OF THE STATE OF THE SOUNDS THE TO ASSET
	eg (21 (t) = 22 (t) and a=-b -> X(0) = 0 everywhere?
_	if there are poles at 00 -> 00 can't itself be included
	atthough ve go up to 00
	Method: R. Ro - P. O. Ro - average it to the
	nearest poles (which may be at a).
(
.7	(zeroat ∞), included in (zeroat ∞) the ROC
0	Time-shifting: xets - xes o Roc=R on sintension of Roc=R
	x(t-to) - e x(s) (or ROC = R)
	and conversely of
	And, conversely, esot x(t) -> X(s-so), ROC = R+ Ressos
	Roc is the Roc of X(s)
	shifted by Re (So) (2) x 11
	when so=jwo => e xct) -> x(s-gwo) ROC=R
	60:3:1



77.1	Ш		
1			
			Date
	LAPLACE T	RANGFORM PAIRS	Page
	Signal 2000	Transform	3 Origina - ROC 8
1.1	: 18) ROCE AR	x 1 - 14 - (da) #	
1.	&(t)	No!	Alls
a.	ucts	(2) x /s - (3) x	Recs) > 0
3.	- U(-t) 109	(* 2) * X EYS_ () *x	Re(s) < 0
4.	(n-1)! u(t)	/gn	Recs) > 0
		ist to ask Wix	- C 17 [
5.	- tn+ u(-t)	to martayon a god	0>(2)99n it x(c)
	(n-t)! 2 700 0754	15/00 a work odle (dix	44
6	e-at uct)	Vs+a	Re(s) > -a
7.	-e-at u(-t)	Sta VSta	- nostiloma Re(s) < -a
8.	tny eat uct)		Re(s) > -a
(2). ()	Excuplind (57% (1)	y (sta) n x x (sta)	JAC MACH
9.	- the eat uct)		Re(s) L-a
	s (n+) is cux.	(eta) n	C cilfaenclation:
10.	δ(t-T)	e-st.	all s
11	(Cos (wot) Just)	1000 1/ x2) has a f	Received Received
	2 Nt	w rothstywom	Cancelled
12.	Psin (water Tuct)	= (2 0 % ← (4.10)	0 < (2) A > 0
13.	[e-at cos (wot)] ult)	1= QXX (3.6 =	Re(3) > -x
		(S+x)2 + wo2	115mh-2 M
14.	[e-kt sin (wot)] uct)	20x6 - 0+00+-1	Record - ~
	E 3/11(00,0)	(Stx)2+ W2	
15.	Un(t) = dn s(t)		
MAR	land dtix	J Jb (T)X 1	
16.	U-n(t) = U(t)*	U(+) //sn	Reco>o.
	n-times	about the - The	Le brist
		· · · · · · · · · · · · · · · · · · ·	